



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Northeast Regional Office • 205B Lowell Street, Wilmington MA 01887 • 978-694-3200

DEVAL L. PATRICK
Governor

TIMOTHY P. MURRAY
Lieutenant Governor

RICHARD K. SULLIVAN JR.
Secretary

KENNETH L. KIMMELL
Commissioner

Certified Mail

APR 03 2012

Michael P. Collins, Commissioner
City of Beverly
Department of Public Works
148 Park Street
Beverly, MA 01915

Re: **NOTICE OF NONCOMPLIANCE: NON-NE-12-4001**

Noncompliance with M.G.L. Chapter 111, §150A
310 CMR 16.05 and 310 CMR 19.043 (5)

At: City of Beverly
Department of Public Works
148 Park Street
Beverly, MA 01915

MassDEP Facility ID #36319

Dear Michael P. Collins:

Department of Environmental Protection ("MassDEP") personnel have observed or determined that on October 20, 2012 activity occurred at the City of Beverly Department of Public Works facility located at 148 Park Street in Beverly Massachusetts, in noncompliance with one or more laws, regulations, orders, licenses, permits, or approvals enforced by MassDEP.

Enclosed please find a Notice of Noncompliance, an important legal document describing the activities that are in noncompliance.

Additionally, this letter contains general information on possible options to reduce the quantity, toxicity and/or global warming potential of the materials used by your facility, which if implemented, may assist in correcting the violations described in the enclosed document(s)

OPPORTUNITIES FOR REDUCING THE FACILITY'S ENVIRONMENTAL IMPACT

By modifying the facility's processes and/or waste generation practices, you may be able to reduce or eliminate the environmental regulatory requirements and fees that apply to this facility, including requirements to:

- notify MassDEP;
- obtain MassDEP permits or other approvals;
- manage wastes in specific ways; and
- file reports on your operations with the agency.

Potential modifications may include:

- reducing the quantity and/or toxicity and/or global warming potential of waste that requires disposal;
- eliminating or reducing the use of toxic or greenhouse gas emitting chemicals by the facility; and
- increasing energy efficiency.

In addition, these modifications may improve your product quality and/or process efficiency, and save money.

Tracking the facility's hazardous substances use and greenhouse gas emissions and reviewing that data periodically may lead to the identification of additional opportunities to reduce the quantity and toxicity of materials used, of greenhouse gases emitted, and of hazardous wastes generated.

For information on reducing hazardous chemical use, greenhouse gas emissions, and/or waste generated, you may contact:

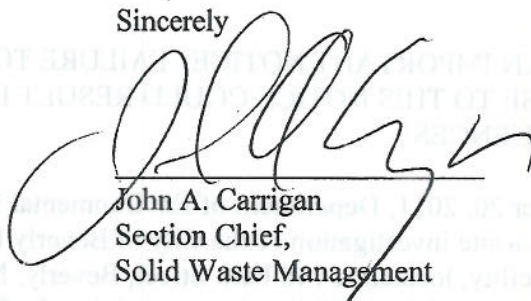
- The Office of Technical Assistance (617-626-1060) for free, CONFIDENTIAL technical assistance including on-site assessments, financial evaluations, the handbook "The Practical Guide to Toxics Use Reduction", and other resources.
- The Toxics Use Reduction Institute (978-934-3275) for courses for certified "Toxics Use Reduction Planners".
- MassDEP's Toxics Use Reduction Program (617-292-5982) for guidance material on the Toxics Use Reduction Act requirements.
- The MA Department of Energy Resources, (617-626-7300) for further information on energy efficiency programs.

Should you have any questions regarding this letter, please contact John Morey at (978) 694-3297.

Sincerely

Date:

9/3/12


John A. Carrigan
Section Chief,
Solid Waste Management

JAC/jpm/jac

Enclosure

Certified Mail 7010 0290 0001 2570 9700

ecc:

Beverly Board of Health

90 Colon St.

Beverly, MA 01915

James Zarella

Big Jim's Autobody

25 Creek Street, Beverly MA

renee@bigjimsautobody.com

Scott Fortier, MA Office of Technical Assistance

Electronic Archive, Regional Enforcement Coordinator

Vincent Ferlisi NERO/BWP

Paul Emond Boston/BWP

George Harding USEPA/Region 1

Harding.george@epa.gov

NOTICE OF NONCOMPLIANCE

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THIS NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

On October 20, 2011, Département of Environmental Protection's ("MassDEP") personnel conducted a site investigation of the City of Beverly Department of Public Works ("Beverly DPW") facility, located at 148 Park Street, Beverly, Massachusetts (the "Facility"). Based on the investigation, MassDEP has determined that the Beverly DPW is in violation of one or more laws, regulations, orders, licenses, permits or approvals enforced by MassDEP.

This Notice of Noncompliance describes (1) the requirement violated, (2) the date and place on which MassDEP asserts the requirement was violated, (3) either the specific actions which must be taken in order to return to compliance or direction to submit a written proposal describing how and when you plan to return to compliance, and (4) the deadline for taking such actions or submitting such a proposal.

If the required actions are not completed by the deadlines specified below, an administrative penalty may be assessed for every day after the date of receipt of this Notice that the noncompliance occurs or continues. MassDEP reserves its rights to exercise the full extent of its legal authority in order to obtain full compliance with all applicable requirements, including, but not limited to, criminal prosecution, civil action including court-imposed civil penalties, or administrative action, including administrative penalties imposed by MassDEP.

NAME OF ENTITY(S) IN NONCOMPLIANCE:

City of Beverly
Department of Public Works
148 Park Street
Beverly, MA 01915
Michael P. Collins, Commissioner

LOCATION(S) WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

City of Beverly
Department of Public Works
148 Park Street
Beverly, MA 01915

DATE(S) WHEN NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

October 4, 2011 and October 20, 2011

DESCRIPTION OF NONCOMPLIANCE:

On October 20, 2011, MassDEP conducted an inspection of the Facility and observed that the Beverly DPW had accumulated a stockpile of approximately 2000 cubic yards of mixed street sweepings and catch basin cleanings (the "Material") at the Facility. The Material was stored onsite within, but extended beyond, the concrete containment area designed to contain the Material. Mr. Michael Collins, the Beverly DPW Commissioner, informed the MassDEP representative that the Material was accumulated and stored at the Facility by the Beverly DPW during the previous eight to ten months and that the Beverly DPW had been trying to find a location that could accept the Material pursuant to a Beneficial Use Determination issued by MassDEP to the Beverly DPW on December 16, 2008. In addition, on October 4, 2011 MassDEP personnel observed evidence that storm water runoff from the stockpiled Material had entered the municipal storm water system via a catch basin located on Creek Street adjacent to the Facility.

As a result, MassDEP has determined that on October 20, 2011 the Beverly DPW failed to comply with the following conditions of the Beneficial Use Determination ("BUD") approved by MassDEP on December 16, 2008 and to implement good management practices in the management of the Material:

- Section V. D. of the BUD which reads in relevant portion:

"The Beverly DPW shall ensure that all [catch basin cleanings and street sweepings] CBC/SS will be covered and otherwise properly stored at the Beverly DPW yard to prevent erosion, contaminated storm water runoff or nuisance conditions such as dust or odor..."

- Section V. E. of the BUD which reads in relevant portion:

"[catch basin cleanings and street sweepings] CBC/SS shall not be stored at the Beverly DPW for more than 180 days...."

As a result, on October 20, 2011 the City of Beverly was in violation of the following laws and regulations administered by the MassDEP:

1. Section 310 CMR 16.05 (5) Other Conditionally Exempted Operations, of the Massachusetts Site Assignment Regulations, 310 CMR 16.00, which reads in relevant portion:

"The following operations do not require a site assignment or a Solid Waste Management Facility Permit pursuant to 310 CMR 19.000, provided the operation incorporates good management practice, is carried out in a manner that prevents an

unpermitted discharge of pollutants to air, water or other natural resources of the Commonwealth and results in no public nuisance: ..."

2. Section 310 CMR 19.043(5)(a), Duty to Comply of the Massachusetts Solid Waste Regulations, which reads in relevant portion:

"The permittee shall comply at all times with the terms and conditions of the permit or approval, 310 CMR 19.000, M.G.L. c. 111, § 150A and all other applicable state and federal statutes and regulations...."

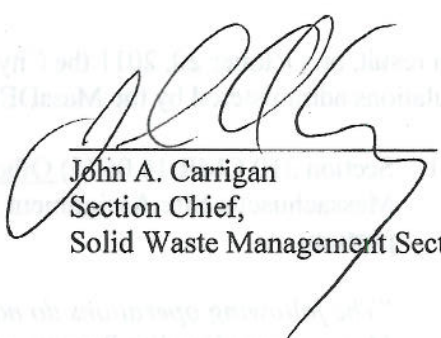
ACTION(S) TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION(S):

The following action(s) to be taken have individual deadlines associated with them. Beverly DPW shall take the necessary steps to correct the violations within the specified deadlines as noted and shall return to compliance with the requirements described below. MassDEP's regulations at 310 CMR 5.09 presume that you receive this Notice of Noncompliance, if delivered by regular mail, three business days after it was issued (i.e., the date of the cover letter).

Within 30 calendar days from the date of receipt of this Notice, the Beverly DPW shall submit to MassDEP a written description of each of the actions taken to correct the violations noted above as well as a status report of any corrective actions planned or being taken to achieve or maintain compliance including, but not limited to, a discussion of the status and quantity of street sweepings and catch basin cleanings that remain at the Facility, and the quantity and final disposal location of any street sweepings and catch basin cleanings removed from the Facility from January 1, 2011 to the date of this Notice.

Please address your reply to this Notice of Noncompliance to John Carrigan at this office.

Date: 4/3/12


John A. Carrigan
Section Chief,
Solid Waste Management Section

JAC/jpm/jac

cc:

Beverly Board of Health

90 Colon St.
Beverly, MA 01915

James Zarella
Big Jims Autobody
25 Creek Street, Beverly MA
renee@bigjimsautobody.com

Vincent Ferlisi NERO/BWP

Paul Emond Boston/BWP

MEMORANDUM TO THE RECORD

From: John Morey EA III BWP/SW/NERO
Date: October 24, 2011
Re: Beverly - Solid Waste
Beverly DPW
148 Park Street
Complaint Inspection
FMF# 36319



Date of Inspection: October 20, 2011
Time of Inspection: 9:30 am
Weather: Cloudy, light variable wind
(rained earlier that morning)
Temp: 60 degrees F

Present or met with during the Inspection:

MassDEP: John Morey, Solid Waste

Beverly DPW: Mike Collins, Commissioner Beverly DPW; Jim Turcotte, Water Dept.
Foreman

Big Jim's Autobody: Jim Zarrella

Background

On October 4, 2011, the Beverly Department of Public Works notified MassDEP NERO Emergency Response Section (ER), of a release of oil during localized flooding conditions at the City of Beverly Department of Public Works ("Beverly DPW") at 148 Park Street in Beverly, Massachusetts (the "Facility"). ER issued the spill release tracking number RTN 3-30362 and Chris Bresnahan of ER responded to and conducted an inspection of the site.

During the inspection Mr. Bresnahan was approached by Jamie Zarella, owner of Big Jim's Autobody, located adjacent to the east side of the Facility. Mr. Zarella alleged that the DPW stockpiled street sweepings and catch basin cleanings in a manner that allowed for the storm water to erode the stockpiles and wash the material into nearby catch basins located off of the Facility's property; clogging the storm water, reducing the effectiveness of the catch basins to drain the storm water runoff, and resulting in the flooding of his property that occurred on October 4, 2011.

At the time of the inspection, Mr. Bresnahan observed that the Beverly DPW had not implemented any measures (such as, placement of a berm, silt fence, and/or hay bales around the stockpiles) to control/prevent sediment laden storm water from the stockpiled

Materials entering the storm water system via the catch basins (See attached inspection report) . Mr. Bresnahan observed the catch basin inlets contained significant amounts of wet material similar to the material in the stockpiles. As a result, he referred the case to MassDEP Solid Waste. In addition to the MassDEP inspections, the EPA conducted an inspection of the Facility on October 14, 2011. I've requested a copy of EPA's report but have not received it as of the completion of my inspection report.

MassDEP DPW Inspection

On October 20, 2011, I conducted an inspection of the Beverly DPW, located at 148 Park Street in Beverly. When I arrived, I spoke with Mike Collins, Commissioner of the Beverly DPW via telephone and informed him I was investigating a complaint inspection regarding the stockpile management and flooding issues. Mr. Collins invited me to conduct the inspection. I then inspected the DPW yard focusing on the stockpile storage area and storm water drainage.

The material stockpile area was located on the southern portion of the facility between Creek street and the commuter rail train tracks. The storage area consisted of five separated concrete block bins. The material stored by the Beverly DPW in the area included:

- Mixed street sweeping and catch basin cleanings (street sweeping),
- Asphalt,
- Concrete slabs,
- Sand, and
- Soil/fill excavation material.

I estimated the uncovered street sweeping stockpile was approximately 150 feet long, approximately 24 feet wide, with an average of 15 feet high containing approximately 2,000 cubic yards of street sweepings/catch basin cleanings. The street sweeping stockpile extended beyond the limits of the concrete block bin and along the eastern edge of the Facility.

I observed a stockpile of excavate material (soil and fill material from utility excavations etc) approximately 75 feet long, 21 feet wide, with average height of 12 feet containing approximately 700 cubic yards of excavate material. The excavate stockpile also extended outside the limits of the concrete bin area.

Other materials stored in the other stockpiles were within the limits of the concrete bins. At the time of my inspection, I observed hay bales had been placed around the northern end of the street sweeping stockpile between the stockpile and the catch basins. No hay bales were observed around the excavate stockpile.

I inspected the catch basins located immediately down slope of the material storage area. One catch basin (CB#1) located on the DPW property had filter fabric under the grate. However, the grate and filter fabric were completely silted in preventing water from

draining into the basin. Inside the basin I observed one plastic pipe extending into the basin from the east and a larger brick culvert at the bottom of the basin oriented in a north south direction. The next closest catch basin (CB#2), located on Creek Street just outside and down gradient of the Facility, appeared to be draining water; although I observed mud, sediment and miscellaneous debris (plastic bottle, piece of wood and papers) around the top of the catch basin grate. In addition, I observed minor residual water from rain earlier that morning flowing from the Facility to the storm water CB#2 in Creek Street.

During the inspection I met with Jim Turcotte and Mike Collins of Beverly DPW. I was informed by them that they believed one of the reasons for the complaint MassDEP received was due to the flooding occurred on October 4, 2011. Mr. Collins explained that there was a concentrated storm that moved over Beverly that day dropping approximately 4 inches of rain on the City in a couple of hours. Mr. Collins believed the storm was close to a 200 year storm event. Mr. Collins reported that, as a result, the drainage system was overwhelmed, combined with a high tide in Bass River to which the storm water drainage system reportedly discharges by gravity. I reviewed weather station records from Beverly for the October 4, 2011 that indicated approximately 3.2 inches of rain fell in the area of the Beverly DPW between the hours of 6:30 am to 9:30 am.

Mr. Collins stated that the DPW yard and the adjacent business, Jims Autobody, was flooded up to two feet or more from approximately 7:00 am to 11:00 am. After which the water reportedly drained via the catch basins into the storm water system. In addition, Mr. Collins stated that he witnessed water bubbling up through the storm drains at the Facility suggesting there was actually reverse flow through parts of the drainage system from the heavy precipitation. Mr. Collins suggested that the elevation of the flood level was at a higher elevation of some of several storm drains at the Facility forcing the water to flow out of the storm drains.

I inquired about the types and quantity of the material in stockpiles and the management of the stored materials. Mr. Collins stated that the stockpiles are usually small and contained within the concrete bins in the southern portion of the property. However, after an extensive search to transport the material to local area landfills, he could not find an available location for the street sweepings and catch basin cleanings. The material currently at the facility has been stored for approximately eight to ten months. The street sweepings were being managed under a Beneficial Use Determination (BUD) issued by MassDEP to the Beverly DPW on December 16, 2008 so the material could be used as cover at landfills. He said that one occasion this past summer (2011) he was going to have the streets sweepings moved to Titcomb Pit Landfill in Amesbury but the contract was not completed. Mr. Collins stated that he is in negotiations to remove the material in the next month.

Jim Turcotte asked if there were any additional measures that the DPW could take to help the situation in the storage area. I suggested that installing hay bales around the excavate stockpile would help reduce the storm water from washing soil fill into the catch basins. Mr. Turcotte made several phone calls subsequently had hay bales placed around the

excavate stockpile. In addition, Mr. Turcotte had filter fabric wrapped around the existing hay bales surrounding the street sweeping stockpile.

During the inspection, the owner of the adjacent business, Jim Zarella of Big Jim's Autobody¹, asked if he could talk to me regarding the flooding and material storage at the DPW. I went to his office and he explained that the flooding that occurred on October 4, 2011 was extensive. He reported that many of the cars and buildings on his property were flooded with one or more feet of water and he may be liable for large portion of the repair expenses. Mr. Zarella believes that storm water washed the street sweepings and fill material off the DPW stockpiles and into the nearby catch basins, clogging the catch basins and reducing the ability of the drainage system to drain storm water. Mr. Zarella also believes that the flooding that occurred on October 4, 2011 is in part due to lack of erosion controls and lack of cleaning of catch basins on Creek Street and the DPW yard. I told him that I would record his concerns in my inspection report. Mr. Zarella stated that there is a history of storm water stockpile erosion and odor problems emanating from the street sweepings stockpile. In addition, Mr. Zarella alleges that personnel at the DPW dump liquid contents of DPW vacuum trucks in the DPW yard.

Conclusion

During the October 20, 2011 inspection of Beverly DPW, I observed two large stock piles of street sweepings/catch basin cleanings (approximately 2000 cubic yards) and soil excavate (approximately 700 cubic yards) on the DPW Facility. MassDEP also observed two catch basins down slope of the stockpiles. DPW personnel placed hay bales around the street sweeping stockpile and more hay bales around the excavate stockpile. However, based on October 4, 2011 complaint report and inspection by Chris Bresnahan, the stockpile of street sweeping and catch basin cleanings did not have any erosion controls (hay bales, silt fence or filter socks) and significant amounts of wet soil and sediment were observed at the inlets of the catch basins. The evidence supports the conclusions that:

- The Beverly DPW was not implementing best management practices with regards to the management of the materials stored at the facility including, but not limited implementing practices to control storm water runoff from the street sweepings and catch basin cleanings/sediment; and
- Sediment laden runoff from the stockpiles of these materials flowed into catch basin CB#1 and/or CB#2 likely resulting in an unpermitted discharge to Bass River via the drainage system that services the DPW Facility.

In addition, the accumulation of approximately 2000 cubic yards street sweeping and catch basin cleanings over eight to ten months and left uncovered at the DPW represent

¹ I have previously been a customer of Big Jim's Autobody and I am a neighbor of an employee of Big Jim's Autobody.

noncompliance with the Beneficial Use Determination issued by MassDEP to the Beverly DPW on December 16, 2008. The BUD which reads in relevant portion:

- *"The Beverly DPW shall ensure that all [catch basin cleanings and street sweepings] CBC/SS will be covered and otherwise properly stored at the Beverly DPW yard to prevent erosion, contaminated storm water runoff or nuisance conditions such as dust or odor..." and*
- *"[catch basin cleanings and street sweepings] CBC/SS shall not be stored at the Beverly DPW for more than 180 days...."*

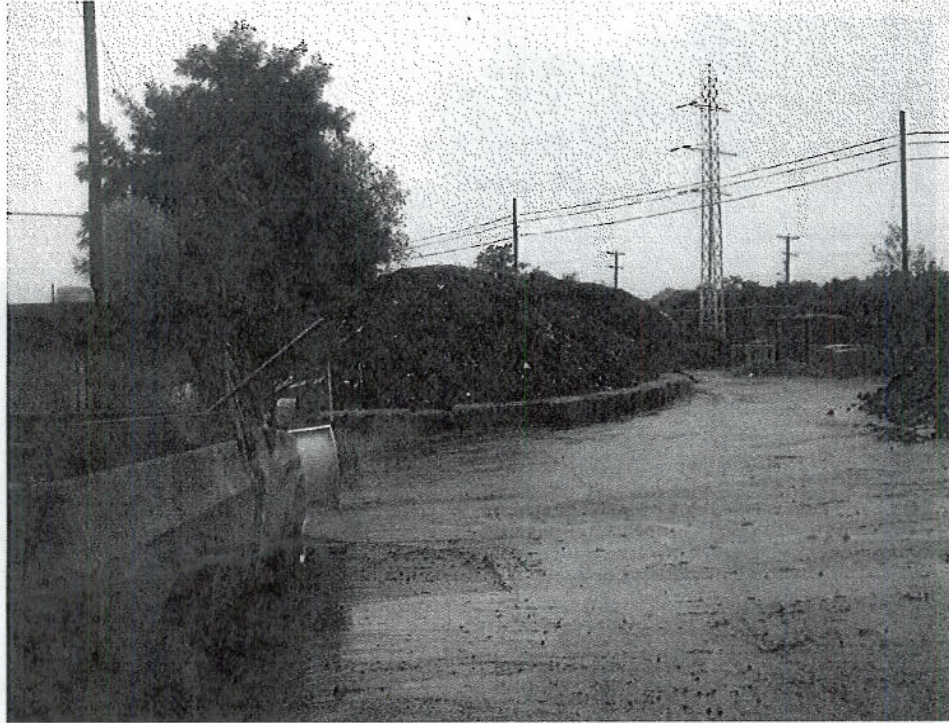


Figure 1. Beverly DPW street sweepings/catch basin cleanings stockpile.



Figure 2. DPW excavate stockpile.



Figure 3. Southern end of street sweepings/catch basin cleanings stockpile.

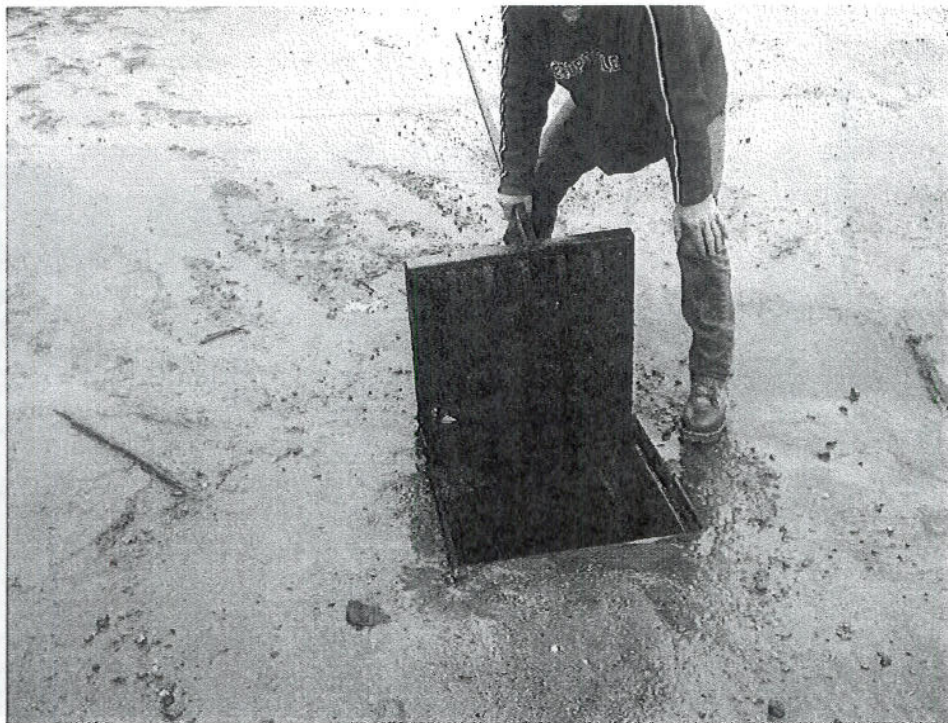


Figure 4. Catch basin (CB#1) on DPW property with filter fabric. Grate is silted in.

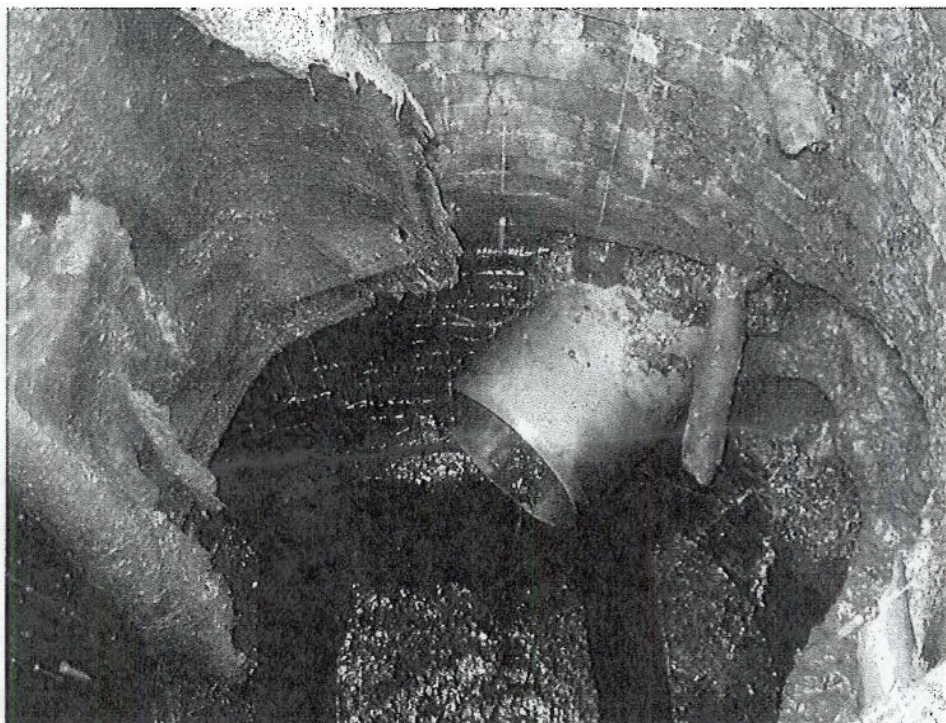


Figure 5. Inside CB#1.



Figure 6. Catch basin (CB#2) on Creek Street. Excavate stockpile in background.

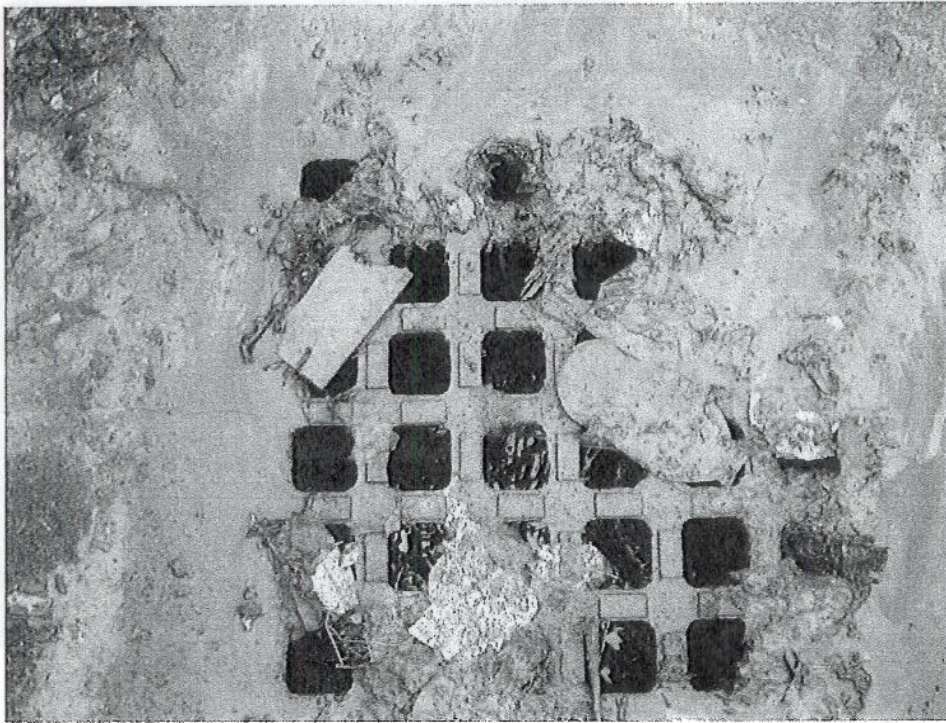


Figure 7. Close up of catch basin CB#2 and debris on grate.



Figure 8. Hay bales being placed around excavate stockpile.

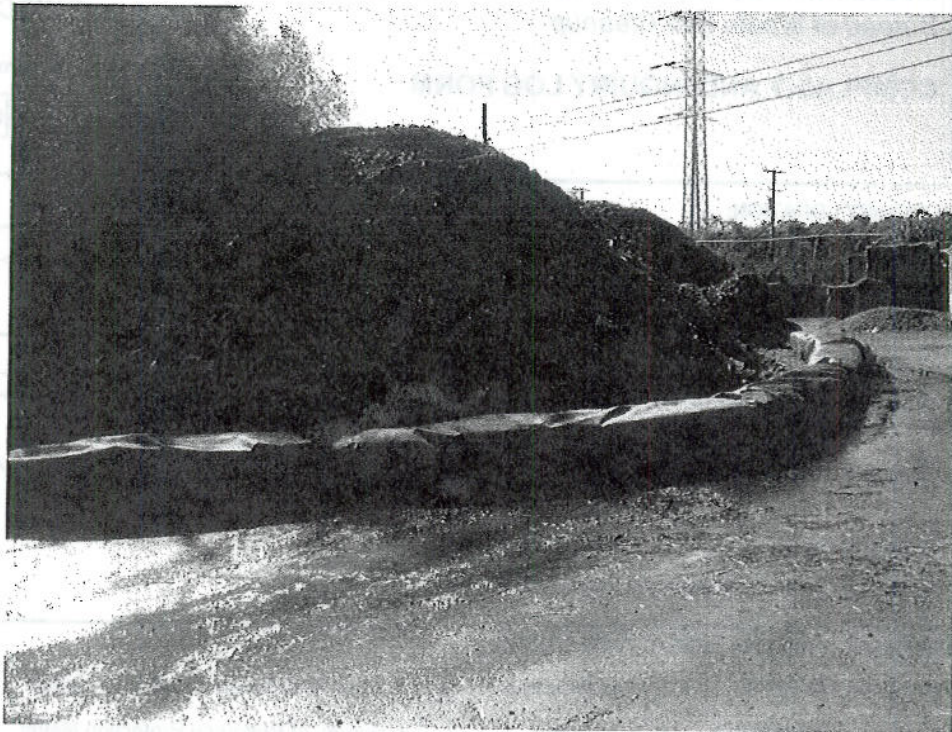


Figure 9. Street sweepings stockpile: hay bales being wrapped in filter fabric.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC100

COMPLAINT AND INQUIRY LOG FORM

Complaint ID Number

NE - 11 - 6972

A. COMPLAINT AND INQUIRY LOCATION:

1. Street Address: 148 PARK STREET

2. City/Town: BEVERLY, BEVERLY

3. Caller: JAMES ZARELLA

4. Telephone: 9789273201

B. THIS FORM IS BEING USED TO:

1. Date and Time of Complaint, Inquiry or Update: 10/4/2011 Time: 12:15 AM ☒ PM
(mm/dd/yyyy) (hh:mm)

- ☒ 2. Record a New Complaint. ☐ 3. Record a New Inquiry.
☐ 4. Record an Update of a Previously submitted Complaint or Inquiry.

C. DESCRIPTIVE INFORMATION ABOUT COMPLAINT OR INQUIRY:

1. Report Description (Complaint type): ☐ a. Drum(s) ☒ b. Bureau of Waste Prevention Matter
☐ c. Dumping ☐ d. Fill Material ☐ e. Odors ☐ f. Bureau of Resource Protection Matter
☐ g. Smoke ☐ h. Vapors ☐ i. Fire ☐ j. Spill or Leak Exempt from Reporting
☐ k. Sheen ☐ l. Fish Kill ☐ m. Sewage ☐ n. Vehicle Accident ☐ o. Unknown ☐ p. Other

2. Involved Party: BEVERLY DPW (148 PARK ST) MIKE COLLINS

3. Comments: (record additional comments in Section F)

POSSIBLE IMPROPER STORAGE OF STREET SWEEPINGS AND CATCH BASIN SOLIDS

D. DISPOSITION OF COMPLAINT OR INQUIRY: (check one)

- ☐ 1. Site Visit ☐ 2. Compliance Site Visit ☐ 3. Field Follow-up ☐ 4. Further Action Required ☐ 5. No Action Taken
☐ 6. Release or Threat of Release Exempt from Reporting Requirements (not referred.)
☒ 7. Refer to Other DEP Division: (check one)
☐ a. Air Quality ☐ b. Hazardous Waste ☐ c. Enforcement/Strike Force
☒ d. Solid Waste ☐ e. Water Supply ☐ f. Industrial Waste Water
☐ g. Water Pollution ☐ h. Other ☐ i. Wetlands and Waterways
☐ 8. Refer to Other Agency: (check one) ☐ a. EPA ☐ b. DPH ☐ c. US DOT
☐ d. US Coast Guard ☐ e. Board of Health ☐ f. Local Fire Dept. ☐ g. Other

E. DEP ASSIGNMENT:

1. DEP Staff: a. Name: ☒ b. Check here, if Unassigned. (or staff name not applicable)
2. Preparer Signature: Chris Bresnahan 3. Date: 10/19/2011



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC100

COMPLAINT AND INQUIRY LOG FORM

Complaint ID Number

NE - 11 - 6972

F. ADDITIONAL COMMENTS AND DESCRIPTION:

MR. JAMES ZARELLA OF BIG JIM'S AUTO BODY CONTACTED ME WHILE I WAS ASSESSING RELEASE CONDITIONS ASSOCIATED WITH RTN 3-30362 (BEVERLY DPW, 148 PARK STREET). HE SUGGESTED THAT STREET SWEEPINGS AND SOLIDS REMOVED FROM CATCH BASINS HAD BEEN STOCKPILED IN THE DPW YARD IN A MANNER THAT ALLOWED FOR THE MATERIALS TO BE WASHED, IN TODAY'S HEAVY RAINS, ACROSS PAVED AREAS AND INTO DRAINAGE STRUCTURES, REDUCING THE EFFECTIVENESS OF THOSE STRUCTURES' ABILITY TO DRAIN THE PARKING LOT, POSSIBLY CONTRIBUTING TO TODAY'S FLOODING. HE POINTED OUT SEVERAL DRAIN INLETS INCLUDING ONE AT THE END OF CREEK STREET AND ANOTHER WITHIN THE YARD WITH SIGNIFICANT AMOUNTS OF WET DEBRIS SIMILAR IN APPEARANCE TO THE STOCKPILED MATERIALS IN THE DPW YARD. I OBSERVED A SHEEN ON DRAINAGE DISCHARGING INTO THE BASIN ON CREEK STREET. I OBSERVED NO BERM, SILT FENCE OR HAY BALES BETWEEN THE STOCKPILED MATERIALS AND THE DRAIN INLETS LOCATED PROXIMATE AND DOWNGRADIENT FROM THE STOCKPILED MATERIALS IN THE DPW YARD. I AGREED TO DOCUMENT HIS CONCERNS AND DISCUSS WITH OTHER MASSDEP PROGRAM PERSONNEL AND REFER THE MATTER IF APPROPRIATE. I ALSO SUGGESTED MR. ZARELLA DISCUSS THE ISSUE WITH THE LOCAL CONSERVATION COMMISSION. I DISCUSSED MR. ZARELLA'S CONCERNS WITH BOTH DPW COMMISSIONER MIKE COLLINS AND BEVERLY'S ENVIRONMENTAL CONSULTANT, JACOB BUTTERWORTH OF ALLIANCE ENVIRONMENTAL. I NOTED THAT I HAD OBSERVED NO INDICATIONS OF MEASURES IN PLACE TO PREVENT OR CONTROL EROSION FROM THE STOCKPILED MATERIALS IN THE YARD SUCH AS A BERM, SILT FENCE OR HAY BALES. MR. BUTTERWORTH INDICATED AT LEAST ONE OF THE DRAIN INLETS HAD BEEN PROTECTED BY A LAYER OF SILTATION FABRIC COVERING THE INLET. IN NERO I DISCUSSED THE MATTER WITH MASSDEP WETLANDS SECTION CHIEF RACHEL FREED WHO SUGGESTED REFERRING THE MATTER TO THE BEVERLY CONSERVATION COMMISSION. I ALSO DISCUSSED THE MATTER WITH MASSDEP SOLID WASTE SECTION CHIEF JOHN CARRIGAN WHO INDICATED HE WOULD EVALUATE AND POSSIBLY REFER THE MATTER TO THE LOCAL HEALTH DEPT.

148 Park St, Beverly 10/4/11

CRS

Looking North from Stockpile Area:
Storm Drain impacted by debris



Street sweeping, catch basin materials
Stockpiled with no visible berm

